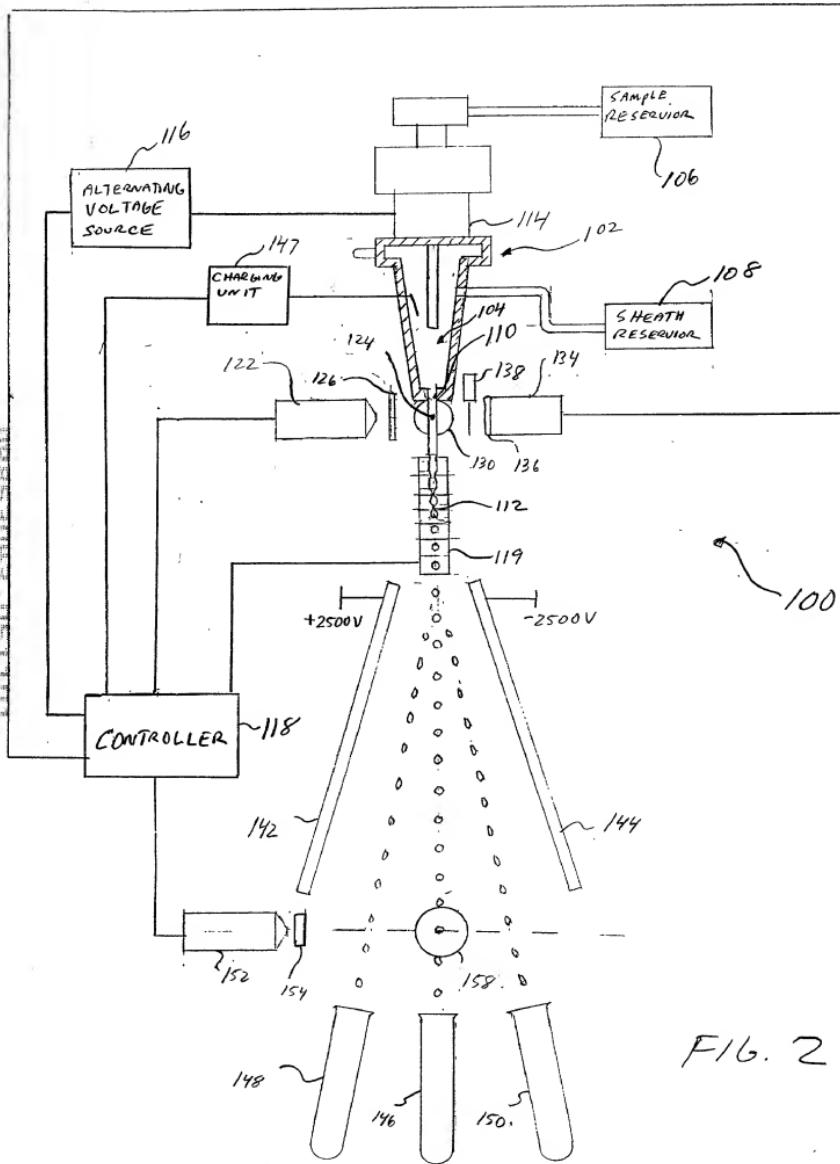
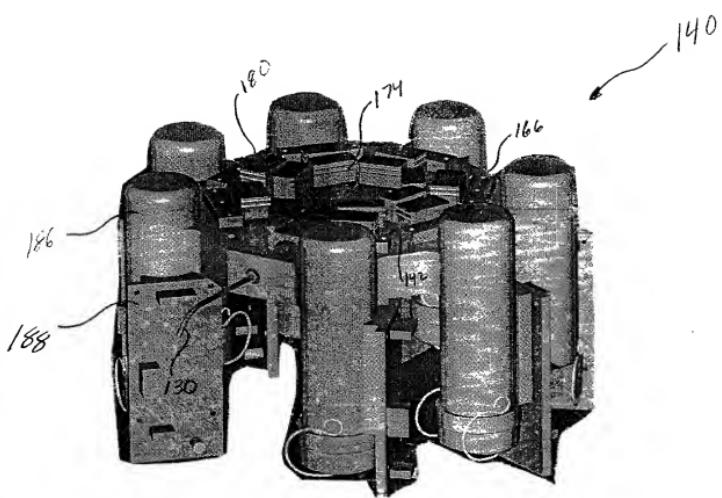


0005530473-05101





F16.3

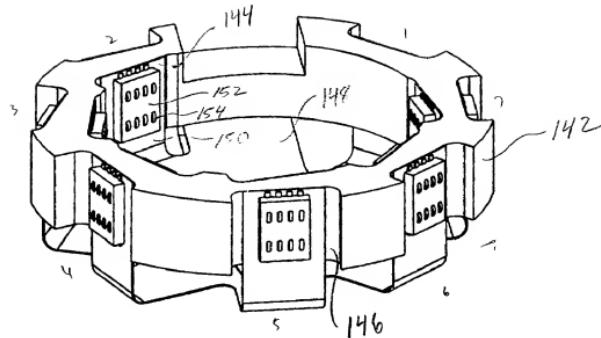


FIG. 4

3935234 - 3935235

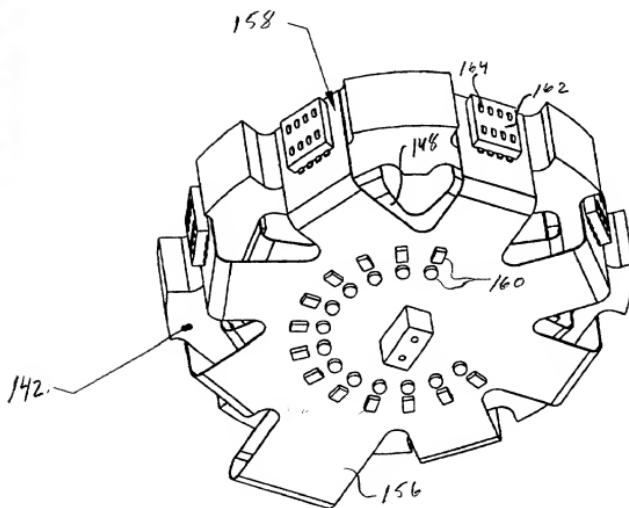
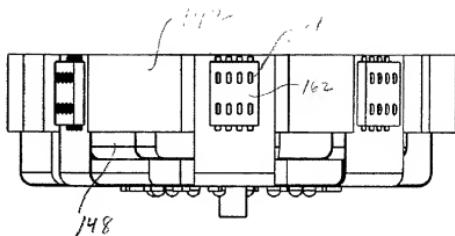
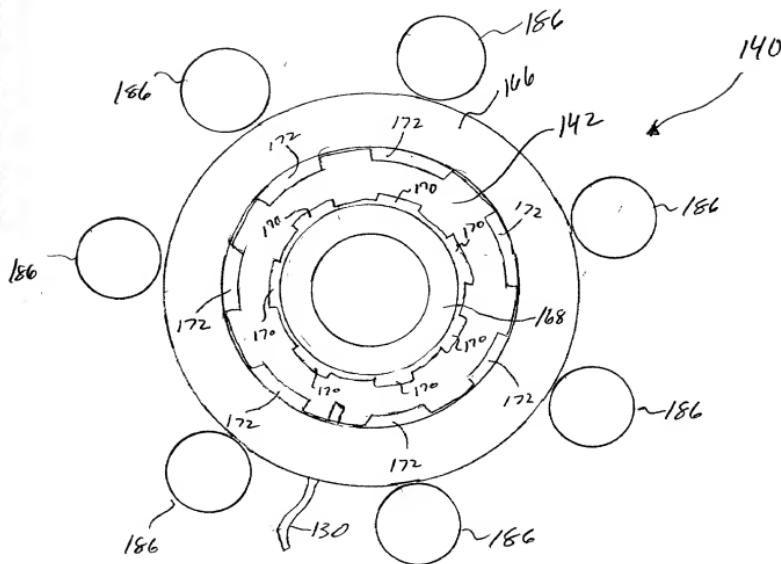


FIG. 5



F16. 6

2013030412105860



F16. 7

10753043-000000000000

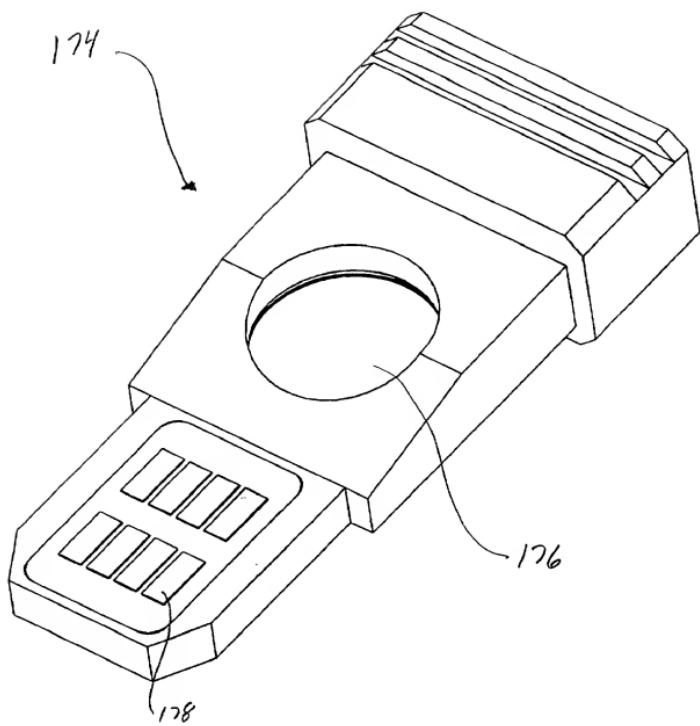
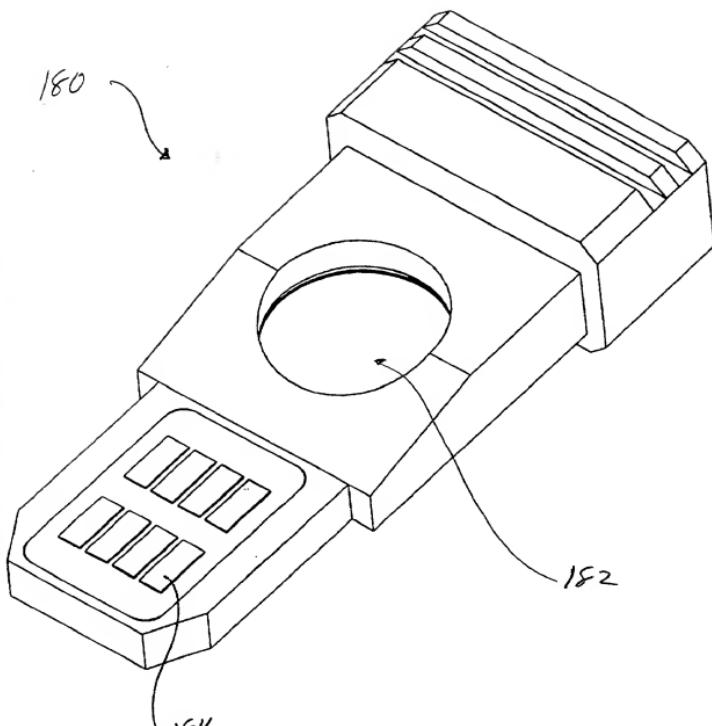


FIG. 8



F16. 9

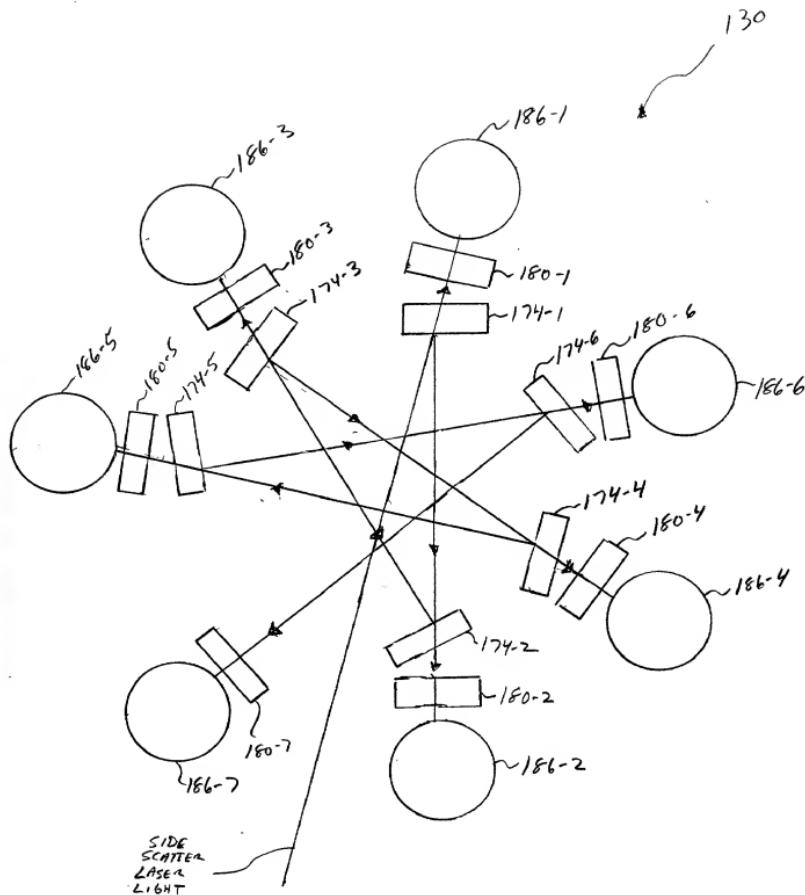
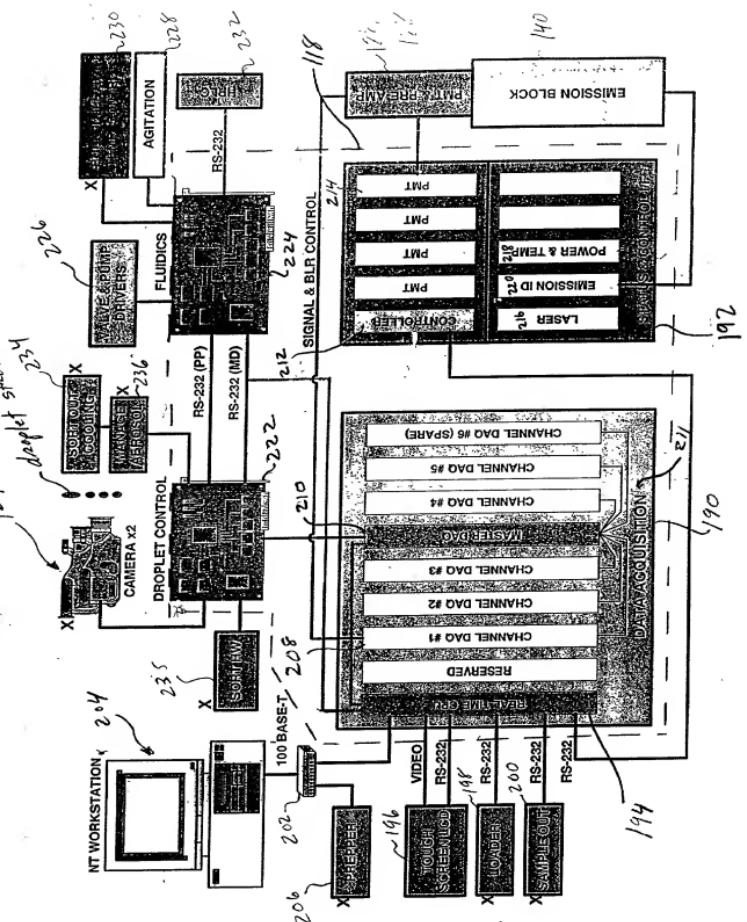
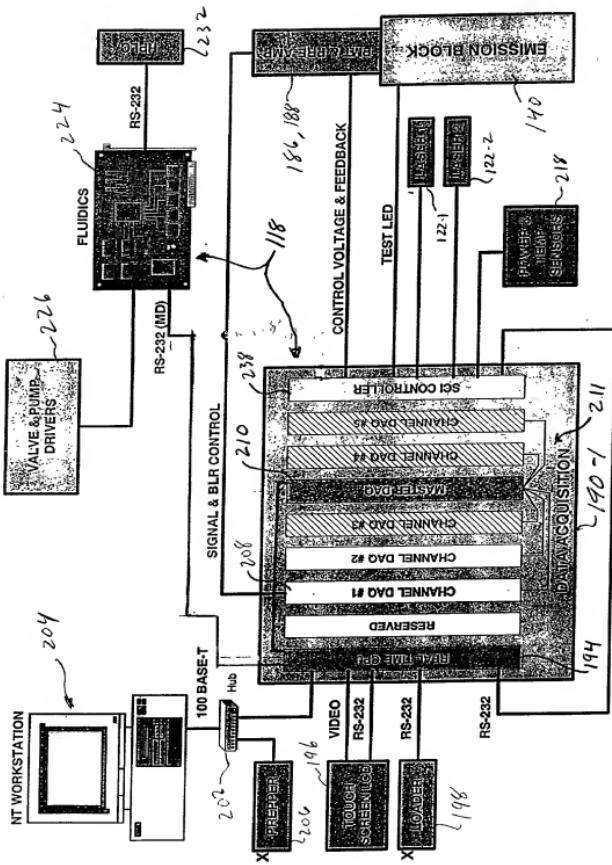


FIG. 10





F/6. 12

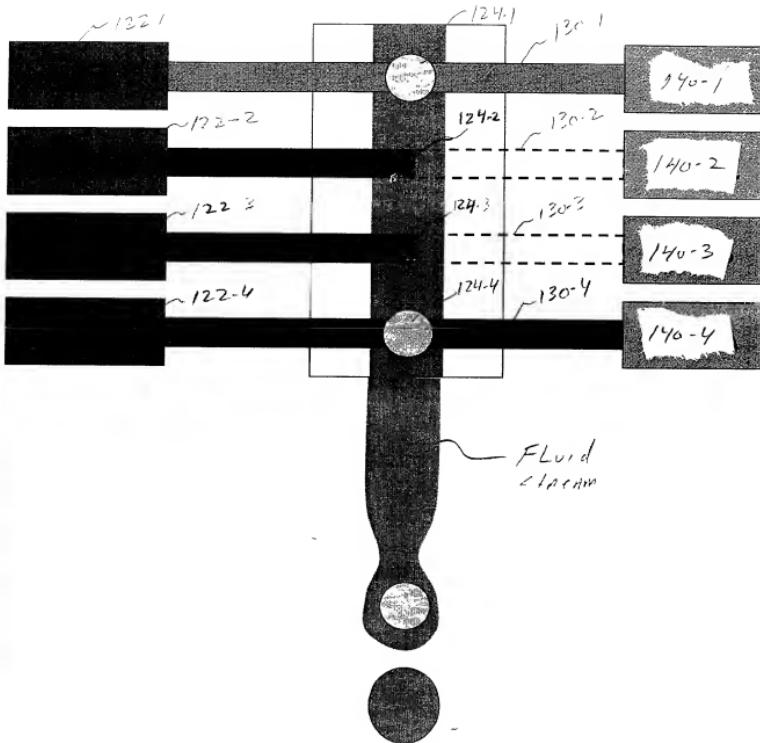


FIG. 13

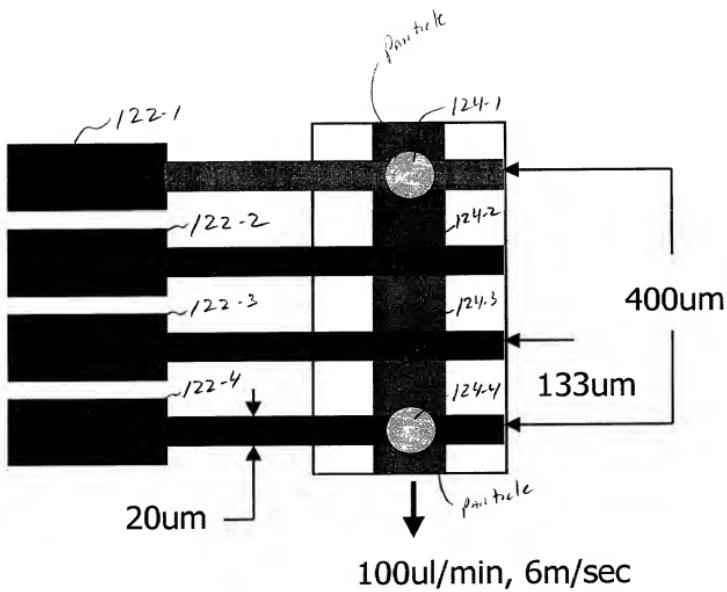
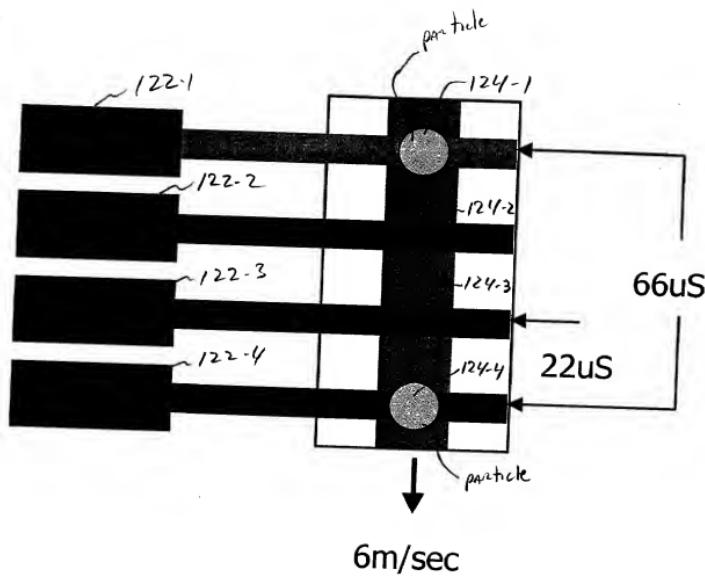


Fig. 14



F16. 15

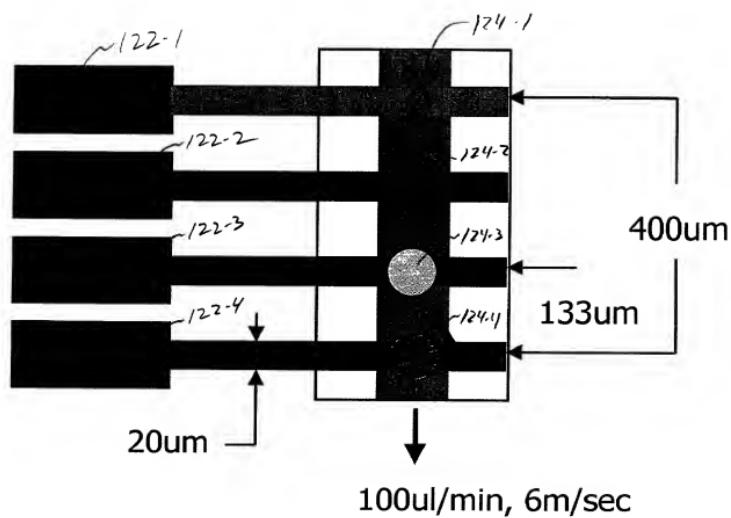
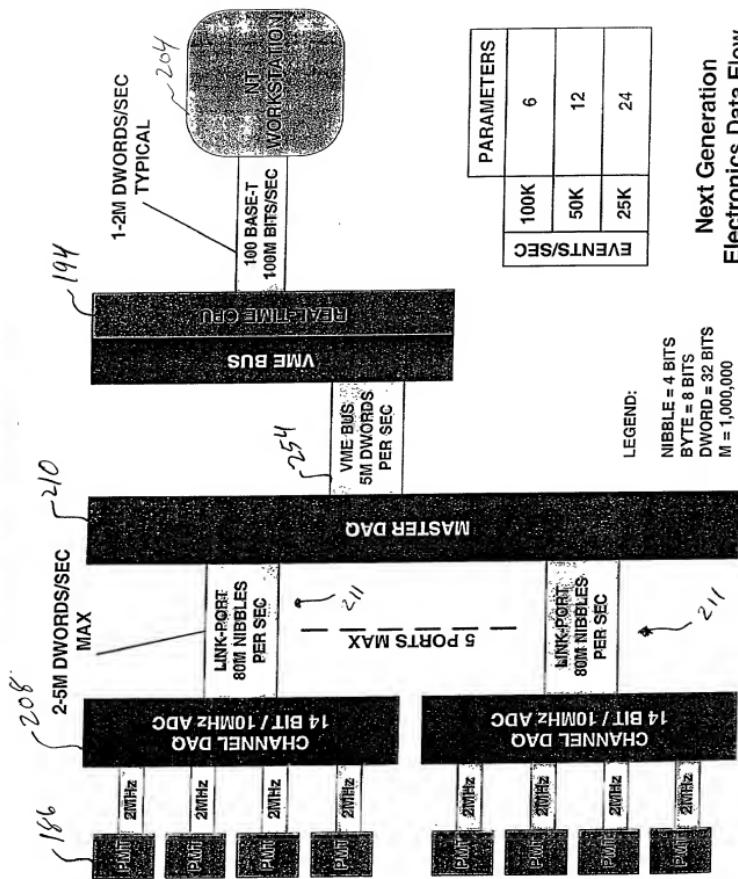


Fig. 16

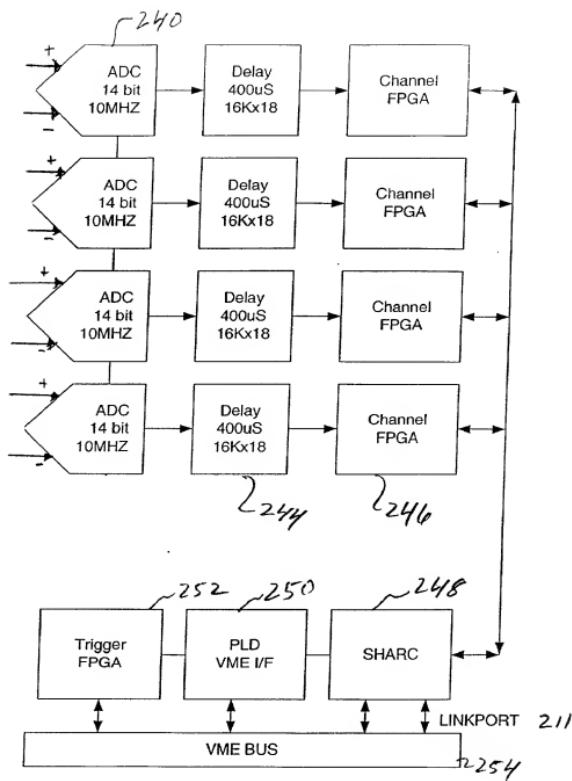


Next Generation
Electronics Data Flow

F16 17

208

Voltage from PMT buffer amp, baseline serial control signals

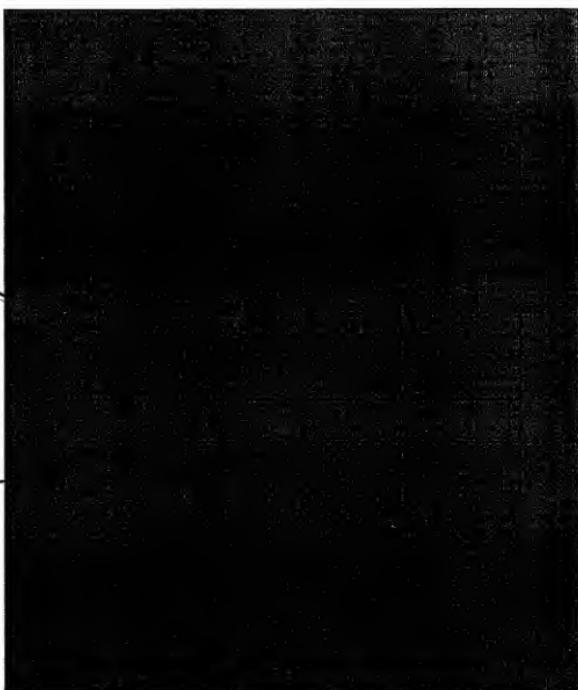


F16. 18

2010-0000000000000000

240

244



186

D

C

B

A

16. 19

210
A

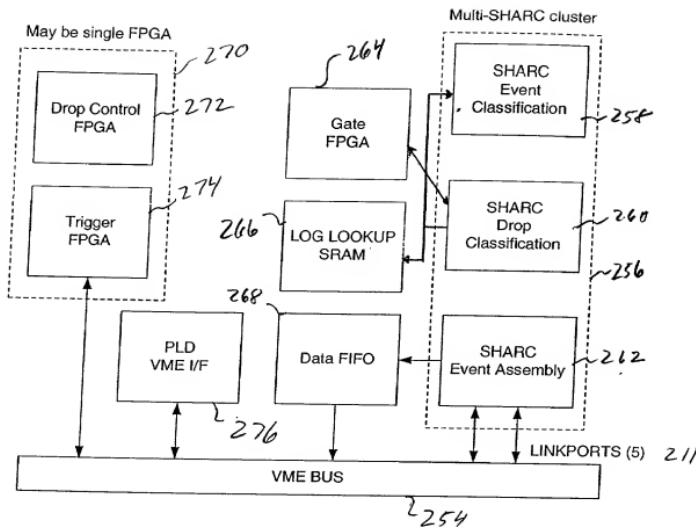


FIG. 20

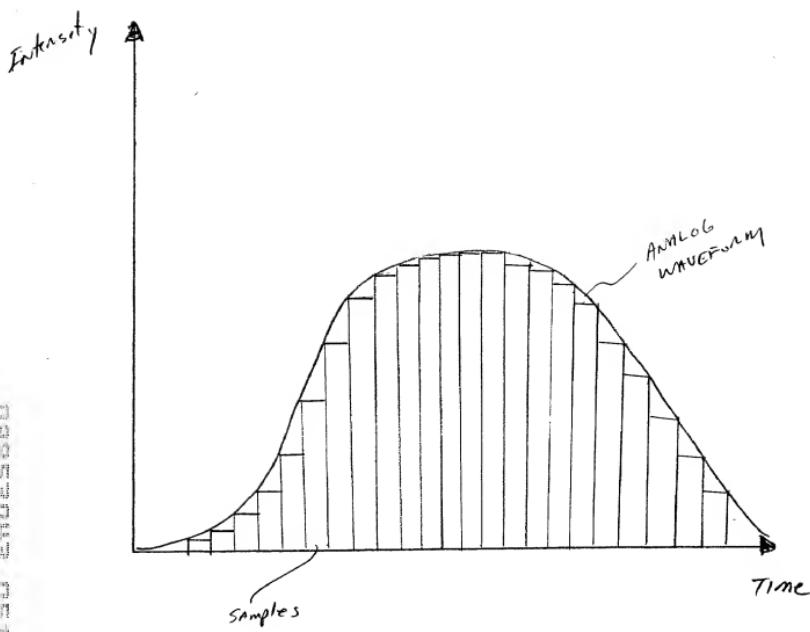
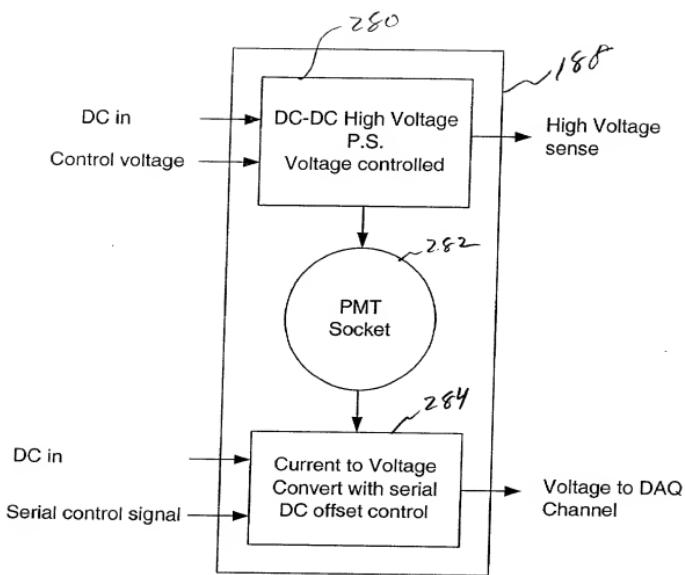
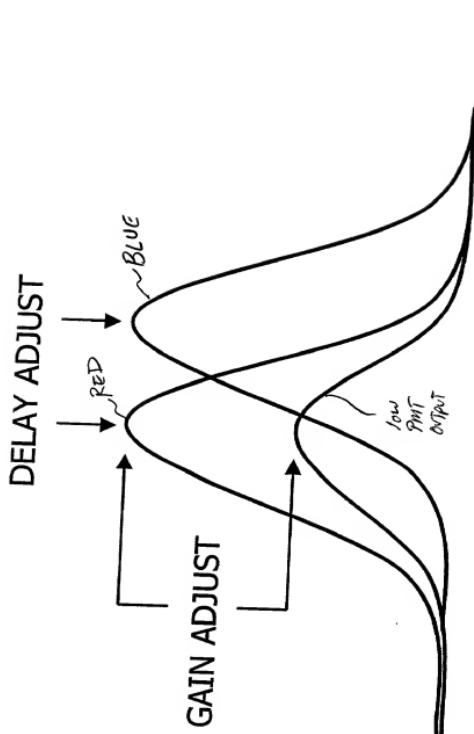


Fig. 21

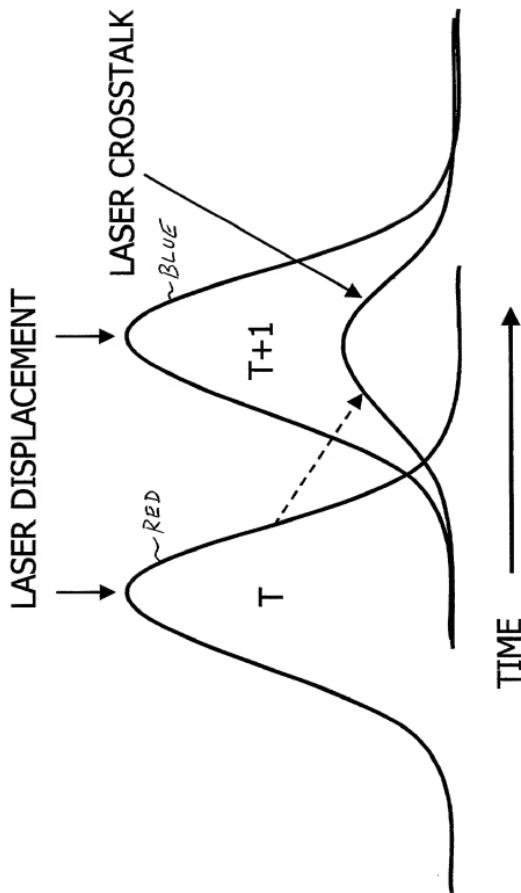


F16. 22



Raw Channel Signal

Inter-Laser Crosstalk



Inter-Laser Crosstalk

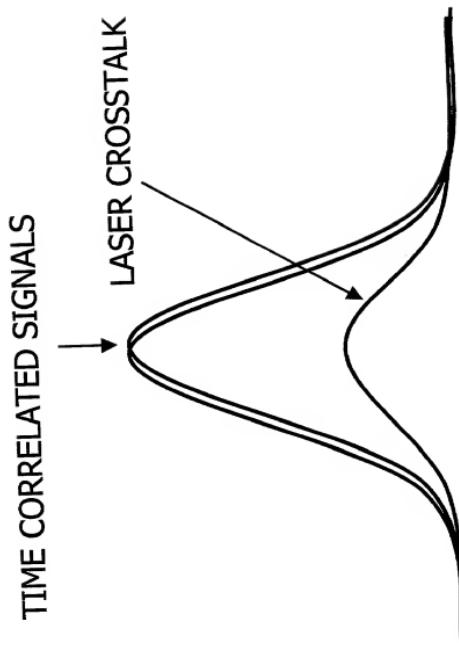


Fig. 25

Inter-Laser Crosstalk

BLUE + RED CROSSTALK

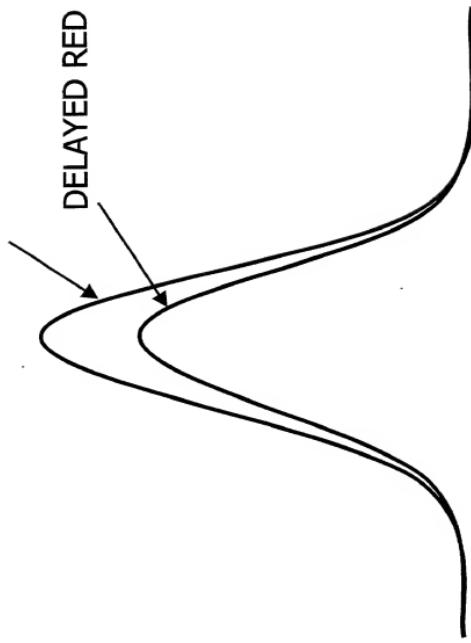


Fig. 26

Inter-Laser Compensation

BLUE = BLUE - % RED

DELAYED RED

